

### **Abstract**

To create a network that connects a plurality of wireless communication systems to create optimal systems for various environments, and that seamlessly integrates the resulting systems together in order to provide more efficient and advanced service in general. A network system that can seamlessly integrate wireless communication systems employs a heterogeneous network architecture with at least four building blocks, including a mobile host 40, a wireless access network 41, a common core network 42, and an external network 43.